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19**TRANSMITTAL
FORM**

(To be used for all correspondence after initial filing)

Total Number of Pages in This
Submission

5

Application Number

10/783,713

Filing Date

February 20, 2004

First Named Inventor

Wade, Lawrence A.

Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

020859-003010US

ENCLOSURES (Check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement
(2 pgs) w/attached PTO/SB/08B (1 pg),
(citing refs 1-10)☐ Certified Copy of Priority
Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ After Allowance Communication to Group☐ Appeal Communication to Board of Appeals
and Interferences☐ Appeal Communication to Group (Appeal
Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):

1. Return Postcard; and

2. A copy of each of 10 references.

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
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or
Individual

Townsend and Townsend and Crew LLP

Kent J. Tobin

Reg. No. 39,496

Signature



Date

5/24/04

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PATENT
Attorney Docket No.: 020859-003010US
Client Reference No.: CIT-3851

TOWNSEND and TOWNSEND and CREW LLP

By: Edward Masinas
Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lawrence A. Wade et al.

Application No.: 10/783,713

Filed: February 20, 2004

For: SELECTIVE
FUNCTIONALIZATION OF CARBON
NANOTUBE TIPS ALLOWING
FABRICATION OF NEW CLASSES OF
NANOSCALE SENSING AND
MANIPULATION TOOLS

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

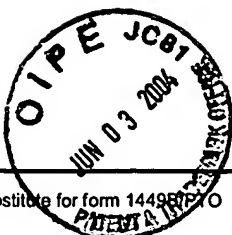
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kent J. Tobin
Reg. No. 39,496

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/783,713	
			Filing Date	February 20, 2004	
			First Named Inventor	Wade, Lawrence A.	
			Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	020859-003010US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	CARANO et al., A Glutathione Amperometric Biosensor Based on an Amphiphilic Fullerene Redox Mediator Immobilised within an Amphiphilic Polypyrrole Film, S.J. Mat. Chem. 12, 1996-2000 (2002).	
	2	Carbon Nanotube Tips for Atomic Force Microscopy, http://cmliiris.harvard.edu/html_natalya/research/probes/tip.html , printed February 17, 2004.	
	3	CHEN et al., Noncovalent Sidewall Functionalization of Single-Walled Carbon Nanotubes for Protein Immobilization, J. Am. Chem. Soc., 123, pp. 3838-3839, (2001).	
	4	CUI et al., Nanowire Nanosensors for Highly Sensitive and Selective Detection of Biological and Chemical Species, Science, Vol. 293, pp. 1289-1292, (2001).	
	5	SHIM et al., Functionalization of Carbon Nanotubes for Biocompatibility and Bio-Molecular Recognition, Nano Lett. 2, No. 4, pp. 285-288 (2002).	
	6	WADE et al., Correlating AFM Probe Morphology to Image Resolution for Single-Wall Carbon Nanotube Tips, Nano Letters, 0, No. 0, A-G.	
	7	WONG et al., Carbon Nanotube Tips: High-Resolution Probers for Imaging Biological Systems, J. Am. Chem. Soc., 120, pp. 603-604 (1998),	
	8	WONG et al., Covalently Functionalized Nanotubes as Nanometer Probes for Chemistry and Biology, Nature, 394, pp. 52-55 (1998).	
	9	WONG et al., Covalently-Functionalized Single-Walled Carbon Nanotube Probe Tips for Chemical Force Microscopy, J. Am. Chem. Soc. 120, pp. 8557-8558, (1998).	
	10	XIAO et al., Plugging into Enzymes, Nanowiring of Redox Enzymes by a Gold Nanoparticle, Science, 299, 1877-1881, (2003).	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.